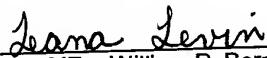


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| US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE FORM PTO-1390 (REV. 01/2003) | | ATTORNEY'S DOCKET NUMBER 122023 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. Patent Application of PCT/EP03/06578 |
| INTERNATIONAL APPLICATION NO. PCT/EP03/06578 | INTERNATIONAL FILING DATE JUNE 23, 2003 | PRIORITY DATE CLAIMED JUNE 27, 2002 |
| TITLE OF INVENTION PROCESS FOR OBTAINING A SYNTHETIC ORGANIC AROMATIC HETEROCYCLIC ROD FIBER OF FILM WITH HIGH TENSILE STRENGTH AND/OR MODULUS | | |
| APPLICANT(S) FOR DO/EO/US Hendrikus Cornelis ZEGERS | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). c. <input type="checkbox"/> The International Application was filed in English. 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A statement under 37 CFR 1.85(b) regarding the filing of a continuation application. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Transmittal of Power of Attorney and Statement Under 37 CFR §3.73(b) | | |

| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) New U.S. Patent Application of PCT/EP03/06578 | INTERNATIONAL APPLICATION NO. PCT/EP03/06578 | ATTORNEY'S DOCKET NUMBER 122023 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|---------------------|------------------------|------|----|--------------|------|---|------------------|----|--------------------|-----|---|-------------------|----|--|--|--|--|------------------------|--------------------------------------|--|--|--|--|-------------------|-----------|
| 21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Basic National Fee..... Search Fee..... Examination Fee..... ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). TOTAL PAGES OF APPLICATION OVER 100 (- 100) $\div 50$ $= \dagger$ $\times 250 =$ \$ | | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | \$ 300.00 | \$ 500.00 | \$ 200.00 | \$ | | | | | | | | | | | | | | | | | | | | | | | |
| †round up to next integer <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th>\$</th> </tr> <tr> <td>TOTAL CLAIMS</td> <td>- 20</td> <td>=</td> <td>$\times 50.00 =$</td> <td>\$</td> </tr> <tr> <td>INDEPENDENT CLAIMS</td> <td>- 3</td> <td>=</td> <td>$\times 200.00 =$</td> <td>\$</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S)(if applicable)</td> <td>$+ 360.00 =$ \$</td> </tr> <tr> <td colspan="5" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</td> </tr> </table> | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | TOTAL CLAIMS | - 20 | = | $\times 50.00 =$ | \$ | INDEPENDENT CLAIMS | - 3 | = | $\times 200.00 =$ | \$ | MULTIPLE DEPENDENT CLAIM(S)(if applicable) | | | | $+ 360.00 =$ \$ | TOTAL OF ABOVE CALCULATIONS = | | | | | SUBTOTAL = | \$ |
| | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CLAIMS | - 20 | = | $\times 50.00 =$ | \$ | | | | | | | | | | | | | | | | | | | | | | | | |
| INDEPENDENT CLAIMS | - 3 | = | $\times 200.00 =$ | \$ | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S)(if applicable) | | | | $+ 360.00 =$ \$ | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ | \$ | \$ | \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ | | TOTAL FEES ENCLOSED = | \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | \$ | \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Amount to be refunded: \$ charged: \$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | |  NAME: William P. Berridge REGISTRATION NUMBER: 30,024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944 Date <u>January 13, 2005</u> | | NAME: Leana Levin REGISTRATION NUMBER: 51,939 | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rec'd PTO/PATENT OFFICE 13 JAN 2005

PATENT APPLICATION

114

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hendrikus Cornelis ZEGERS

Application No.: New U.S. Patent Application
of PCT/EP03/06578

Filed: December 27, 2004

Docket No.: 122023

For: PROCESS FOR OBTAINING A SYNTHETIC ORGANIC AROMATIC HETEROCYCLIC
ROD FIBER OF FILM WITH HIGH TENSILE STRENGTH AND/OR MODULUS

**TRANSMITTAL OF POWER OF ATTORNEY AND
STATEMENT UNDER 37 CFR § 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

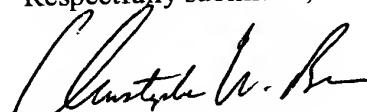
Sir:

In compliance with 37 CFR §3.73(b), the undersigned hereby states that Teijin Twaron B.V. is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. A copy of the assignment is attached hereto.

The undersigned is authorized to act on behalf of the assignee.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE
(703) 836-6400.**

Respectfully submitted,


Christopher W. Brown
Registration No. 38,025

CWB/rav

Date: January 13, 2005